Dear Editor,

Please find enclosed our manuscript entitled "*Identification of per- and polyfluorinated chemical species with a combined targeted and non-targeted screening high-resolution mass spectrometry workflow”* that we would like to be considered for publication in Journal of Visualized Experiments. This manuscript presents a sample preparation/concentration strategy using solid-phase extraction (SPE) tuned for short chain and hydrophilic PFASs, such as perfluorinated ethers acids, and describes the analysis of samples prepared this way in both targeted and non-targeted modes. We consider of value publishing these data in Journal of Visualized Experiments, as they provide for the quantitation of known materials with substantial public interest, while non-targeted analysis allows identification of emerging unknowns and determination of their chemical class and structure. The techniques presented in this paper and demonstrated in video format will be highly useful for researchers interested in perfluorinated chemistry for emerging compounds screening, and for those interested in expanding their targeted chemistry workflows to include investigation of novel chemical compounds.

The procedures and experiments described in this manuscript were developed and performed by James McCord and Mark Strynar, with James McCord preparing the manuscript.

Benjamin Werth invited the initial submission of this manuscript and has provided his support and assistance throughout its preparation.

Thank you for your consideration of this manuscript. We look forward to hearing from you.

Sincerely yours,

Mark Strynar